

OCT 26 2005

Attorney Docket No: NSL-014

In the United States Patent and Trademark Office

Application No.: 10/698,988
 Filed: October 31, 2003
 Title: INORGANIC/ORGANIC HYBRID NANOLAMINATE
 BARRIER FILM
 Applicant: Brian M. Sager et al.
 Examiner: Marc A. Patterson
 Art Unit 1772

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (571) 273 8300

Date of Transmission: 10/26/2005

Bing Li

Signature

Bing Li

Name of Person Signing

Information Disclosure Statement

Commissioner of Patents and Trademarks
 Washington, District of Columbia 20231

Dear Sir or Madam:

Attached is a completed Form PTO-1449 and copies of the pertinent parts of the references cited thereon. It is requested that the document(s) on the enclosed form be made of record. As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

It is requested that the document(s) on the enclosed form be made of record.

Part I (Authority)

This statement is filed pursuant to:

37 C.F.R. § 1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application; (3) before the mailing date of a first office action on the merits; or (4) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114, whichever event occurs last. Accordingly, this information disclosure statement requires no fee and no certification.

37 C.F.R. § 1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. § 1.113 or (2) a notice of allowance under 37 C.F.R. § 1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) (\$180), or a certification according to 37 C.F.R. § 1.97(e).

37 C.F.R. § 1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. § 1.97(c). Accordingly, this information disclosure statement requires the petition fee specified in 37 C.F.R. § 1.17(p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) (\$180) and a certification according to 37 C.F.R. § 1.97(e).

Conditional Petition

It is respectfully requested that this information disclosure statement be considered, good cause being presented in Part III herein (certification). Please treat this paper as the required petition.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. § 1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record.

To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

Part II (Payment)

A credit card payment form (PTO-2038) is enclosed as indicated:

- (X) No fee is due.
- () The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) is enclosed (\$180).
- () The petition fee specified in 37 C.F.R. § 1.17(p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d) is enclosed (\$180).

Part III (Certification)

Pursuant to 37 C.F.R. § 1.97(e), I certify:

- (X) No certification is necessary.
- () (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- () The "communication from a foreign patent office" referred to in the certification is an International Search Report, possibly issued by the U.S. Patent and Trademark Office in its capacity as an International Search Authority or International Preliminary Examining Authority.
- () The "counterpart foreign application" referred to in the certification corresponds to an ancestor or descendent application of the application for which this information disclosure statement is filed.
- () (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of the statement.

Part IV (Additional Statement)

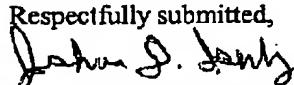
An additional statement regarding these items of information () is, (X) is not, enclosed.

Copies of the cited art references A, B (X) are enclosed.

Copies of the cited art references _____ () are of record in parent application Serial No. _____ and will be provided if the Examiner deems it convenient.

Copies of the cited art references _____ (X) are not required under 37 CFR 1.98(a)(2)(i) because they are U.S. Patents and/or U.S. Patent Publications.

Dated: 10/26/2005

Respectfully submitted,

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Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE			AGENT. DOCKET NO. NSL-014	SERIAL NO. 10/698,988			
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)			APPLICANT Brian M. Sager et al.				
			FILING DATE October 31, 2003	GROUP 1772			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
A	"Fabrication and Properties of Nanolaminates"						
B	Abstract of " <i>Microstructural evolution of ZrO_x-HfO₂ Nanolaminate Structures Grown by Atomic Layer Deposition</i> " by H. S. Kim, P. C. McIntyre, and K. C. Saraswat, from the <u>Journal of Materials Research</u> , vol. 19, no. 2, February 2004 , pp 643 -650						
EXAMINER			DATE CONSIDERED				
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							